

THIOL / ALDEHYDE CORROSION INHIBITORS

ABSTRACT

Methods of inhibiting corrosion comprising the step of providing a corrosive environment; adding a corrosion inhibitor comprising a reaction product of a thiol compound and an aldehyde compound. Methods of acidizing a near well bore region of a subterranean formation comprising the steps of isolating a zone of interest along a well bore; and placing an acidizing solution the zone of interest wherein the acidizing solution comprises an acid and a corrosion inhibiting compound comprising the reaction product of a thiol compound and an aldehyde compound.